International Application No 'GB2004/002853

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A. CLASSII IPC 7	FICATION OF SUBJECT MATTER E21B47/18			
According to	International Patent Classification (IPC) or to both national classification	on and IPC		
	SEARCHED			
	cumentation searched (classification system followed by classification E21B G05D	ı symbols)		
Documentat	ion searched other than minimum documentation to the extent that suc	ch documents are includ	ed in the fields sea	rched
	ata base consulted during the international search (name of data base ternal, PAJ, WPI Data	and, where practical, s	earch terms used)	
C. DOCUM	ENTS CONSIDERED TO BE RELEVANT		··-·	<del></del>
Category °	Citation of document, with indication, where appropriate, of the relev	ant passages		Relevant to claim No.
Х	GB 2 160 565 A (EXXON PRODUCTION CO) 24 December 1985 (1985-12-24) the whole document			1-13, 17-26, 30-34
х	FR 2 721 347 A (MAGELLAN CY LTD;ENGINEERING INDUSTRY LTD) 22 December 1995 (1995-12-22) the whole document			1-13, 17-26, 30-34
Х	US 4 774 694 A (MOLL HELMUT) 27 September 1988 (1988-09-27) the whole document			1
x	US 6 097 310 A (MORSY HATEM SALEM 1 August 2000 (2000-08-01) the whole document	I ET AL)		1
	-	-/		
X Furt	ther documents are listed in the continuation of box C.	X Patent family m	nembers are listed in	annex.
"A" docum consi: "E" earlier filing 'L' docum which citatic 'O' docum other 'P* docum	dered to be of particular relevance document but published on or after the international date ent which may throw doubts on priority claim(s) or its cited to establish the publication date of another in or other special reason (as specified) nent referring to an oral disclosure, use, exhibition or means lent published prior to the international filing date but	or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention  "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone  "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is taken alone  "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.  "&" document member of the same patent family		
ļ	actual completion of the international search		ne international sear	
	20 September 2004	Sate of maining of the	10. 12.	•
Name and	mailing address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2  NL - 2280 HV Rijswijk	Authorized officer		
	TeL (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Philipp	oot, B	

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International Application No 'GB2004/002853

	cition) DOCUMENTS CONSIDERED TO BE RELEVANT	
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
ζ.	US 6 105 690 A (BIGLIN JR DENIS P ET AL) 22 August 2000 (2000-08-22) the whole document	1
X	GB 2 368 861 A (SCHLUMBERGER HOLDINGS) 15 May 2002 (2002-05-15) the whole document	1
x	WO 02/072993 A (BAKER HUGHES INC) 19 September 2002 (2002-09-19) the whole document	1
A	EP 0 744 527 A (BAKER HUGHES INC) 27 November 1996 (1996-11-27) the whole document	1-25
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national application No. PCT/GB2004/002853

Box II Observations where certain claims were found unsearchable (Continuation of Item 2 of first sheet)
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
Claims Nos.:     because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
Claims Nos.:     because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)
This International Searching Authority found multiple Inventions in this International application, as follows:
see additional sheet
As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this international Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the Invention first mentioned in the claims; it is covered by claims Nos.:  1-13, 17-26, 30-34
Remark on Protest  The additional search fees were accompanied by the applicant's protest.  No protest accompanied the payment of additional search fees.

# FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-13,17-26,30-34

downhole data communication

2. claims: 14-16,27-29

a flow rate meter

In\*----\*'onal Application No . 'GB2004/002853

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